

ARCHIVES OF
NEUROLOGY AND PSYCHIATRY

EDITORIAL BOARD

H. DOUGLAS SINGER, Chicago

LOUIS CASAMAJOR, New York

TRACY J. PUTNAM, Boston

STANLEY COBB, Boston

ADOLF MEYER, Baltimore

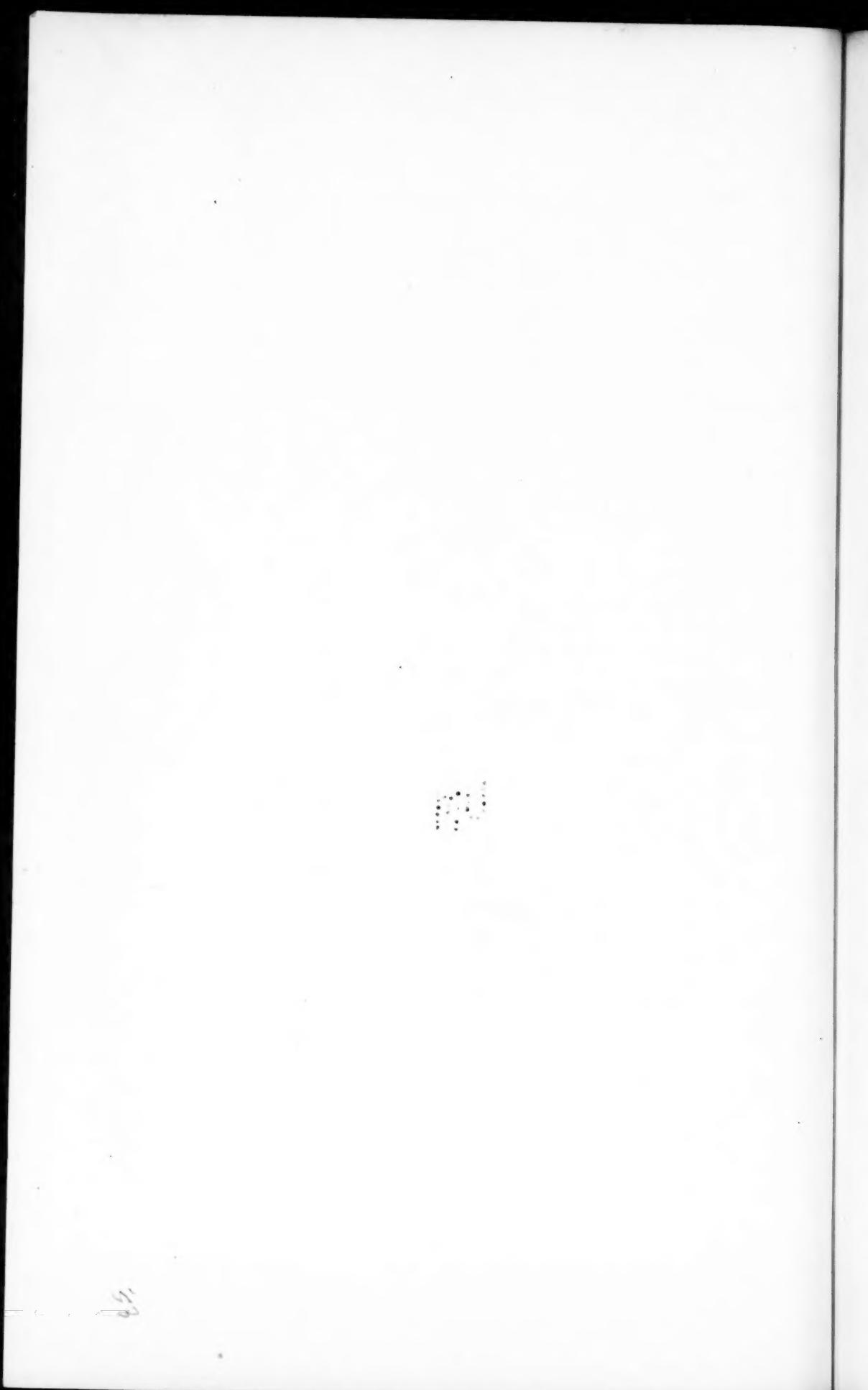
S. W. RANSON, Chicago

BERNARD J. ALPERS, Philadelphia

WILDER PENFIELD, Montreal, Contributing Member

VOLUME 34
1935

PUBLISHERS
AMERICAN MEDICAL ASSOCIATION
CHICAGO, ILL.



CONTENTS OF VOLUME 34

JULY 1935. NUMBER 1

	PAGE
Cutaneous Innervation: An Experimental Study. Lyle H. Lanier, Ph.D.; H. M. Carney, M.D., and W. D. Wilson, M.D., Nashville, Tenn.....	1
Cerebral Birth Conditions, with Special Reference to Myelogeny. Clarence A. Patten, M.D., and Robert A. Matthews, M.D., Philadelphia.....	61
Cervicodorsal Sympathectomy in Multiple Sclerosis: Its Rationale and Report of Eight Cases. Frederick S. Wetherell, M.D., Syracuse, N. Y.....	99
Effect of Intracranial Tumors on the Sella Turcica: An Analysis of Four Hundred and Forty-Six Cases of Verified Intracranial Tumor. Karl Kornblum, M.D., and Leslie H. Osmond, M.D., Philadelphia.....	111
Relation of Hypothalamico-Hypophyseal System to Diabetes Insipidus. C. Fisher, Ph.D.; W. R. Ingram, Ph.D., and S. W. Ranson, M.D., Chicago..	124
Clinical Notes:	
A Case of Extensive Calcification in the Brain: Selective Calcification of the Finer Cerebral Blood Vessels. Jacob Kasanin, M.D., and Rawser P. Crank, M.D., with the Technical Assistance of Dorothy E. Noble and Annette C. Rivard, Howard, R. I.....	164
Special Articles:	
Claude Bernard. J. N. Petersen, M.D., and Jean Saucier, M.D., Montreal, Canada.....	179
Abstracts from Current Literature.....	185
Society Transactions:	
Philadelphia Neurological Society.....	214
Boston Society of Psychiatry and Neurology.....	232
Chicago Neurological Society.....	237
Book Reviews.....	241
Book Notices.....	242

AUGUST 1935. NUMBER 2

Juvenile Dementia Paralytica: IV. Syndromes of the Cranial Nerves and Motor System. William C. Menninger, M.D., Topeka, Kan.....	243
Insulin in Catatonic Stupor. Charlotte Munn, M.D., C.M., Orangeburg, N. Y..	262
The Perceptual Basis of Somatic Delusions in a Case of Schizophrenia. A. Angyal, M.D., Ph.D., Worcester, Mass.....	270
Some Signs of Organic Disorder in Schizophrenia. Phillip B. Marquart, M.D., Lane, Kan.....	280
A Method for Investigating Fantasies: The Thematic Apperception Test. Christiana D. Morgan and Henry A. Murray, M.D., Cambridge, Mass....	289
Psychologic and Physiologic Phenomena During a Prolonged Vigil. S. E. Katz, M.D., and Carney Landis, Ph.D., New York.....	307
Involuntary Graphic Sprawl: A Motor Phenomenon Related to Mirror-Writing and Modified by the Factor of Handedness. Clarence Quinan, M.D., San Francisco.....	318
Observations on Experimental Neurosis in Sheep. O. D. Anderson, Ph.D., and H. S. Liddell, Ph.D., Ithaca, N. Y.....	330
Moulages: Their Preparation and Service to the Neuropathologist. Joseph H. Globus, M.D., New York.....	355
Special Articles:	
Neuropsychiatric Aspects of Calcium as Viewed from the Different Levels of the Personality: Review of the Literature. Joseph J. Michaels, M.D., Boston.....	362
Jean Martin Charcot. Fred H. Mackay, M.D., F.R.C.P. (Can.), and Emile Legrand, M.D., Montreal, Canada.....	390
Clinical Notes:	
Subacute Combined Degeneration of the Spinal Cord: Report of a Case Following Childbirth and Complicated by Spinal Epidural Hemorrhage. George B. Hassin, M.D., and Theodore T. Stone, M.D., Chicago	401
News and Comment.....	407
Abstracts from Current Literature.....	409

CONTENTS OF VOLUME 34

AUGUST—Continued

	PAGE
Society Transactions:	
Philadelphia Psychiatric Society.....	432
New York Neurological Society and New York Academy of Medicine, Section of Neurology and Psychiatry.....	443
Chicago Neurological Society.....	458
New York Academy of Medicine, Section of Neurology and Psychiatry.....	461
Book Reviews.....	477

SEPTEMBER 1935. NUMBER 3

Functional Changes in the Brain of the Dog After Reduction of Cerebral Blood Supply: I. Cerebral Circulation and the Development of Anastomosis After Ligation of the Arteries. L. A. Andreyev, M.D., Moscow, U. S. S. R.	481
The Peculiar Cells of Pick's Disease: Their Pathogenesis and Distribution in Disease. H. W. Williams, M.D., Schenectady, N.Y.....	508
Hemiplegia with the Leg in Flexion. Orthello R. Langworthy, M.D.; Elmer Highberger, M.D., and Ruth Foster, M.D., Baltimore.....	520
The Cerebral Circulation: XLI. Vascular Responses to (A) Hypertonic Solutions and (B) Withdrawal of Cerebrospinal Fluid. Henry S. Forbes, M.D., and Gladys I. Nason, M.S., Boston.....	533
Chordoblastoma of the Basilar Plate of the Skull and Echordosis Physaliphora Spheeno-Occipitalis: Suggestions for Diagnosis and Surgical Treatment. W. P. Van Wagenen, M.D., Rochester, N. Y.....	548
Cerebrospinal Hydrodynamics: VI. Correlations of the Pressure of the Cerebrospinal Fluid with Age, Blood Pressure and the Pressure Index. Jules H. Masserman, M.D., Chicago.....	564
Tumors in the Region of the Pineal Body: A Clinicopathologic Report of Three Cases. Howard Zeitlin, M.D., Chicago.....	567
Psychogenic Loss of Personal Identity: Amnesia. Milton Abeles, M.D., and Paul Schilder, M.D., Ph.D., New York.....	587
Tumors of the Frontal Lobe: An Anatomic and Pathologic Study. Harold C. Voris, M.D.; James W. Kernohan, M.B., and Alfred W. Adson, M.D., Rochester, Minn.....	605
Effect of Endemic Malaria on the Incidence of Neurosyphilis. Robert J. Needles, M.D., Detroit.....	618
Clinical Notes:	
Palpebromandibular Synkinesis in a Patient with Acute Polyneuritis and Facial Diplegia. A. M. Ornsteen, M.D., Philadelphia.....	625
A Pituitary Syndrome: Report of a Case. Max M. Goldberg, M.D., New Orleans.....	631
Special Articles:	
Harvey Cushing. Harold Elliott, B.Sc.; Lyle Gage, M.D., and Wilder Penfield, M.D., Montreal, Canada.....	635
Silas Weir Mitchell. Olan Hyndman, M.D., and William Cone, M.D., Montreal, Canada.....	643
Abstracts from Current Literature.....	649
News and Comment.....	671
Society Transactions:	
New York Neurological Society.....	672
Philadelphia Neurological Society.....	681
Boston Society of Psychiatry and Neurology.....	688
Book Reviews.....	697
Book Notices.....	698

OCTOBER 1935. NUMBER 4

Functional Changes in the Brain of the Dog After Reduction of the Cerebral Blood Supply: II. Disturbances of Conditioned Reflexes After Ligation of Arteries. L. A. Andreyev, M.D., Moscow, U. S. S. R.....	699
Otologic Findings in Oculogyric Crises: A Contribution to the Study of the Supravestibular Pathways. S. L. Shapiro, M.D., Chicago.....	714
Horner's Syndrome: A Report of Ten Cases. Russell N. DeJong, M.D., Ann Arbor, Mich.....	734
Acoustic Imagination and Acoustic Hallucination. Sam Parker, M.D., and Paul Schilder, M.D., Ph.D., New York.....	744

CONTENTS OF VOLUME 34

OCTOBER—Continued

	PAGE
Left-Handedness: Intercorrelations with Enuresis and Other Related Factors in So-Called Normal Children. Joseph J. Michaels, M.D., Boston, and Sylvia E. Goodman, A.B., Ann Arbor, Mich.....	758
Proteins of the Blood Serum in Cases of Essential Epilepsy. B. W. McKenzie, M.D., Salisbury, N. C., and E. W. McChesney, Ph.D., Chapel Hill, N. C....	764
Central Levels of Sensory Integration. J. G. Dusser de Barenne, M.D., New Haven, Conn.....	768
Special Articles:	
Neurogenic Vesical Dysfunction: Alterations in the Physiology of Micturition Due to Lesions of the Nervous System. C. D. Creevy, M.D., Minneapolis	777
Psychology and the University. Henry A. Murray, M.D., Cambridge, Mass.....	803
The Psychogalvanic Reflex: Applications to Neurology and Psychiatry. Philip Solomon, M.D., Boston.....	818
Clinical Notes:	
Diabetes Insipidus and Fröhlich's Syndrome Associated with Encephalitis of the Hypothalamic Region. Robert A. Moore, M.D., and E. H. Cushing, M.D., Cleveland.....	828
Tuberous Sclerosis Diagnosed with Cerebral Pneumography. Nathaniel J. Berkowitz, M.D., and Leo G. Rigler, M.D., Minneapolis.....	833
Intracranial Chordoma: Report of a Case. Leonard T. Furlow, M.D., St. Louis.....	839
Ependymoblastoma in the Fourth Ventricle, with New Bone Formation. Roland P. Mackay, M.D., Chicago.....	844
Abstracts from Current Literature.....	854
Society Transactions:	
New York Neurological Society and New York Academy of Medicine, Section of Neurology and Psychiatry.....	880
Boston Society of Psychiatry and Neurology.....	893
Chicago Neurological Society.....	896
Philadelphia Neurological Society.....	899
Book Reviews.....	927
Book Notices.....	930

NOVEMBER 1935. NUMBER 5

Electrical Stimulation of Points in the Forebrain and Midbrain: The Resultant Alterations in Blood Pressure. H. Kabat, Ph.D.; H. W. Magoun, Ph.D., and S. W. Ranson, M.D., Chicago.....	931
Volume of Blood in Normal Subjects and in Patients with Schizophrenia. Joseph M. Looney, M.D., and Harry Freeman, M.D., Worcester, Mass....	956
Tumors of the Corpus Callosum: A Pathologic and Clinical Study. Harold C. Voris, M.D., Chicago, and Alfred W. Adson, M.D., Rochester, Minn.	965
Effect of Extract of Adrenal Cortex on Experimental Neurosis in Sheep. H. S. Liddell, Ph.D.; O. D. Anderson, Ph.D.; E. Kotyuka, A.B., and F. A. Hartman, Ph.D., Ithaca, N.Y.....	973
Possible Relation of Lead Intoxication to Multiple Sclerosis. Benjamin Boshes, M.D., Chicago.....	994
Relationship of Unconsciousness to Cerebral Blood Flow and to Anoxemia. W. G. Lennox, M.D.; F. A. Gibbs, M.D., and E. L. Gibbs, Boston.....	1001
Can the Problem of the Neuroses be Formulated More Concisely? O. Spurgeon English, M.D., Philadelphia.....	1014
Experimental Convulsions Induced by Administration of Thujone: A Pharmacologic Study of the Influence of the Autonomic Nervous System on These Convulsions. Haddow M. Keith, M.B., and George W. Stavraky, M.D., Montreal, Canada.....	1022
Visceral and Referred Pain. Lewis J. Pollock, M.D., and Loyal Davis, M.D., Chicago	1041
Removal of Left Cerebral Hemisphere: Report of a Case. Robert Zollinger, M.D., Boston.....	1055
Clinical Notes:	
Simple Method of Staining Macroscopic Brain Sections. H. E. LeMasurier, Toronto, Canada.....	1065
Prevention of Postoperative Extradural Hematoma. James L. Poppen, M.D., Boston.....	1068

CONTENTS OF VOLUME 34

NOVEMBER—Continued

	PAGE
Abstracts from Current Literature.....	1070
Society Transactions:	
New York Neurological Society and New York Academy of Medicine, Section of Neurology and Psychiatry.....	1098
Boston Society of Psychiatry and Neurology.....	1111
Chicago Neurological Society.....	1115
Philadelphia Neurological Society.....	1119
News and Comment.....	1130
Book Reviews.....	1131
Book Notices.....	1132

DECEMBER 1935. NUMBER 6

The Electro-Encephalogram in Epilepsy and in Conditions of Impaired Consciousness. F. A. Gibbs, M.D.; H. Davis, M.D., and W. G. Lennox, M.D., Boston.....	1133
Relation Between Binet Mental Age and Motor Chronaxia. George Kreezer, Ph.D., and Katherine P. Bradway, M.A., Vineland, N. J.....	1149
Classification of School Children by Means of the Handwriting Speed Factor. Clarence Quinan, M.D., San Francisco.....	1172
Cerebrospinal Fluid in Cases of Tumors of the Brain. H. Houston Merritt, M.D., Boston.....	1175
Pathways for Pupillary Constriction: Location of Synapses in the Path for the Pupillary Light Reflex and of Constrictor Fibers of Cortical Origin. W. K. Hare, M.S.; H. W. Magoun, Ph.D., and S. W. Ranson, M.D., Chicago	1188
The Fibers of the Pupillary Reflex and the Argyll Robertson Pupil. Wilfred Harris, M.D., London, England.....	1195
Spontaneous Pain and Other Subjective Sensory Disturbances: A Clinico-pathologic Study. Charles Davison, M.D., and William Schick, M.D., New York.....	1204
Effects of Total Removal of the Cerebral Cortex. Fred A. Mettler, Ph.D., and Cecilia C. Mettler, A.M., Augusta, Ga., and Elmer Culler, Ph.D., Urbana, Ill.....	1238
Mesencephalic Glioma: A Clinical and Pathologic Analysis of Ten Cases. Bernard J. Alpers, M.D., Philadelphia, and James W. Watts, M.D., Washington, D. C.....	1250
Ruptured Cerebral Varices. Louis L. Tureen, M.D.; S. H. Gray, M.D., and Paul Wheeler, M.D., St. Louis.....	1274
Multiple Sclerosis: Effect of Typhoid Vaccine and Epinephrine on Coagulation of the Blood. Benjamin Simon, M.D., and Philip Solomon, M.D., Boston	1286
Clinical Notes:	
An Ink-Writing Electro-Encephalograph. E. L. Garceau, A.B., and H. Davis, M.D., Boston.....	1292
Coughing: A Method of Reenforcing the Knee Jerk Reflex. Israel H. Marcus, M.D., Brooklyn.....	1295
Silver Cells (Steiner's Method) in Multiple Sclerosis Compared with Their Presence in Other Diseases. Nicholas Kopeloff, Ph.D., and Nathan Blackman, B.S., New York.....	1297
Special Articles:	
Sir Charles Sherrington. Arthur R. Elvidge, M.D., and Wilder Penfield, M.D., Montreal, Canada.....	1299
News and Comment.....	1310
Obituaries:	
George Hughes Kirby.....	1311
Abstracts from Current Literature.....	1314
Society Transactions:	
New York Neurological Society and New York Academy of Medicine, Section of Neurology and Psychiatry.....	1332
Philadelphia Psychiatric Society.....	1338
Los Angeles Society of Neurology and Psychiatry.....	1346
Book Reviews.....	1355
General Index.....	1357